



US 20140315535A1

(19) **United States**(12) **Patent Application Publication****Bajko**(10) **Pub. No.: US 2014/0315535 A1**(43) **Pub. Date: Oct. 23, 2014**(54) **PROVISIONING WIRELESS SUBSCRIPTIONS
USING SOFTWARE-BASED SUBSCRIBER
IDENTITY MODULES****Publication Classification**

(51) **Int. Cl.**
H04W 8/24 (2006.01)
(52) **U.S. Cl.**
CPC *H04W 8/245* (2013.01)
USPC **455/419**

(71) Applicant: **Nokia Corporation**, Espoo (FI)(72) Inventor: **Gabor Bajko**, Sunnyvale, CA (US)(73) Assignee: **Nokia Corporation**, Espoo (FI)(21) Appl. No.: **14/251,749**(22) Filed: **Apr. 14, 2014****Related U.S. Application Data**

(60) Provisional application No. 61/812,808, filed on Apr. 17, 2013.

(57) **ABSTRACT**

Provisioning of a cellular subscription to a mobile device is performed over a Wi-Fi network, wherein the mobile device may be configured to use a software-based subscriber identity module. A configuration file is stored in an electronic memory of the mobile device that includes information about at least one cellular technology and at least one frequency band supported by the mobile device. This configuration file may constitute a management object or may be linked to an existing management object of the device by extending a structure of the existing management object.

